

OCT 3 1960

Approved For Release 2003/01/30 : CIA-RDP81B00878R000600030148-5

LOCKHEED AIRCRAFT CORP.		ENGINEERING STUDY <input type="checkbox"/>		LAC -95						
		CHANGE PROPOSAL <input checked="" type="checkbox"/>								
DATE 9-28-60		AFFECTS : WSPO <input checked="" type="checkbox"/>		PROJECT <input type="checkbox"/>						
NAME OF MAJOR COMPONENT BATTERY		PART OR LOWEST SUBASSEMBLY		PART NO. & MODEL OR TYPE						
TITLE OF PROPOSAL : IMPROVED BATTERY INSTALLATION										
NATURE OF PROPOSAL : SEE PAGE 2										
REASON FOR PROPOSAL : 1. To provide a standard (MS24498-2) battery replacing the present non-standard battery in the aircraft which will permit direct shipment of defective units between WSSC and the manufacturer (Sonotone), eliminating LAC transshipment which now results in approximately 4 weeks delay. 2. To provide an improved battery installation reducing the possibility of electrolyte spillage in the Q-bay, and eliminating present difficulties in servicing the sump and removal and replacement of the battery.										
ES	ESTIMATED COST AND TIME INVOLVED : - - -									
	ADDITIONAL FUNDING REQUIRED : - - -									
CP	ESTIMATED COST FOR KITS OR PARTS : \$310.00/Kit Total Price \$9,610.00									
	ADDITIONAL FUNDING REQUIRED : None (SP-1917)									
ITEMS AFFECTED BY PROPOSAL :										
SAFETY	MISSION EFFEC- TIVENESS	PERFORM- ANCE	OPERATING PROCEDURE	INTER- CHANGE- ABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD						32 HRS.				
SOURCE OF PARTS FOR KIT LAC						AVAILABILITY 6 WEEKS AFTER APPROVAL				
DISPOSITION OF SPARES AFFECTED REWORK R-145-30 BATTERY TO MS 24489-2						STATINTL				
INITIATED BY : LAC						APPROVED : WSPO				
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NATURE OF PROPOSAL:

1. Replace the existing R145-30 Battery with a standard MS24489-2 (MA-5) Battery in all aircraft (31). MS24489-2 Batteries to be obtained by reworking R145-30 using Sonotone Kit #23148 (the Kit included in this proposal) which has been approved by Sonotone ECP for installation on all AF purchased MS24489-1 batteries. Replace the existing two forward battery tie-down rods with a single rod to mate with MS battery lid. Install a readily removable mounting base on the Mil. Equip. Power Junction Box to improve access to the battery, eliminating the necessity of removing supporting structure to accomplish battery installation and removal. Add a standard sump jar (per AND 10445) installed adjacent to the battery. The sump vent line to terminate within the Q-bay near the air conditioning pressure regulator providing for quick overboard discharge of any battery gases.
2. Prepare and issue a Service Bulletin.
3. Fabricate appropriate aircraft provisioning kits.

NOTE: Kits will include Sonotone Kit #23148.